

KURBATOV, Yu.L., inzh.; KORNEVA, N.K., inzh.

Improving the design of open-hearth furnace ports by modeling.
Stal' 23 no.3:263-266 Mr '63. (MIRA 16:5)

1. Kuznetskiy metallurgicheskiy kombinat.
(Open-hearth furnaces--Models)

OTROSHCHENKO, O.S.; KURBATOV, Yu.V.; SADYKOV, A.S.

Sulfonation of 2,2'-dipyridyl. Nauch. trudy TashGU no.263. Khim.nauki
no.13:27-32 '64.
(MIRA 18:8)

OTROSHCHENKO, O.S.; KURBATOV, Yu.V.; SADYKOV, A.S.; PIRNAZAROVA, F.

Sulfonation of 3,3'-dipyridyl. Nauch. trudy TashGU no.263. Khim.nauki
no.13;33-35 '64. (MIRA 18:8)

KURBATOV, Yu.V.; OTROSHCHENKO, O.S.; SADYKOV, A.S.

Thermal conversion of 2,2'- and 3,3'-dipyridyldisulfotrioxides to
sulfonic acid. Nauch. trudy TashGU no.263. Khim.nauki no.13:36-39
'64. (MIRA 18:8)

KUDRYAVTSEV, A. A. --

"The Petrographic Make Up, Nature and Phase Variability of Coals of the Chetinskoye, Selovo-Babankovskoye, Uskatakoye, and Karagylinskoye Sites of the Kuzbass." Cand. Geol.-Min. Sci., Tomsk State U, Thesck 1954. (R 1661, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 461, 5 May 55

Академия наук ССР

LARISHCHEV, A.A.; KURBATOVA, A.A.

Methods of studying accessory minerals among terrigenous
mineral mixtures of coal. Trudy Lab.geol.ugl. no.6:202-
212 '56.

(MLRA 10:2)

1. Tomskiy Gosudarstvennyy universitet.
(Coal--Analysis) (Coal geology)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7

DRYAGINA, L.L.; KURBATOVA, A.A.

Carboniferous spore-pollen complexes. Trudy SNIIGGIMS no.21:94-99
'62. (MIRA 16:12)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7"

DRYAGINA, L.L.; KOVALENKO, L.A.; KURBATOVA, A.A.

Spores and pollens. Trudy SNIIGGIMS no.21:247-260 '62.
(MIRA 16;12)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7

KURBATOVA, A.A.

Lower Triassic spore-pollen complex of the Kuznetsk Basin. Trudy
SNIIGGIMS no.23:114-119 '62. (MIRA 16:9)
(Kuznetsk Basin—Palynology)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7"

STETSENKO, A.V.; KURBATOVA, A.D.

Cyanine dyes of 2-methylacenaphthothiazole. Ukr. khim. zhur.
24 no.3:354-357 '58. (MIRA 11:9)

1.Kiyevskiy gosudarstvennyy universitet im. T.O. Shevchenko, kafedra
organicheskoy khimii.
(Dyes and dyeing) (Naphthothiazole)

TSUKERVANIK, I. P.; KIM, Kh.; KURBATOVA, A. S.

Acylation of aromatic compounds. Part 6: Acetylation and
benzoylation of 2-methylnaphthalene and acenaphthene in the
presence of iron and ferric chloride. Zhur. ob. khim. 33
no.1:234-237 '63. (MIRA 16:1)

1. Tashkentskiy gosudarstvennyy universitet.

(Naphthalene) (Acenaphthene) (Acetylation)

KURBATOVA, Antonina Vasil'yevna; LUR'YE, N.A., red.; LEBEDEVA,
G.T., tekhn. red.

[Work of a pediatric polyclinic with the community activists
group] Rabota detskoi polikliniki s obshchestvennym aktivom.
Leningrad, Medgiz, 1963. 55 p. (MIRA 17:2)

KURBATOVA, A.V., zasluzhennyi vrach RSFSR

Work of a physicians' group under conditions of a nonconsolidated pediatric polyclinic. Vop. okh. mat. i det. 6 no.9:89-91 S '61.

(MIRA 14:9)

1. Iz detskoy polikliniki No.19 Petrogradskogo rayona Leningrada.
(PEDIATRICS--STUDY AND TEACHING)

42823

S/169/62/000/010/036/071
D228/D307

3.5/10

AUTHORS: Kurbatova, A.V., Kozlovskaya, O.V. and Mazurin, N.I.

TITLE: Some spatial characteristics of upper layer clouds over the north-western territory of the USSR

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 10, 1962, 16-17, abstract 10397 (Tr. Leningr. gidrometeorol. in-ta, no. 12, 1961, 145-162)

TEXT: Using the data of aircraft observations of cirri over the Leningrad region, those of atmospheric radio sounding by Stn. Voycykovo, and tropopause charts for 1955-1960, the authors analyze 561 cases of observation of upper layer clouds that were carried out in order to determine their wind and heat characteristics, vertical spread, and probability of appearance. The data obtained indicate that there is a seasonal trend in the frequency of different vertical cloud spreads. The most probability falls on the graduation 1-2 km in spring, 2-4 km in summer, 1-3 km in autumn and 2-3 km in winter. The average vertical spread of clouds in each season

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Some spatial characteristics ...

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increases with increasing cloud pointage. Thus, with up to 5 points of cloud the vertical spread constitutes 1000 m, and at 8-10 points it grows by 2- to 3-fold. The vertical cloud spread depends on the tropopause type: the most spread is noted when there is an inversion distribution of the temperature in the tropopause layer; the least spread is noted if there is a retarded fall of the temperature with altitude, when the cloud thickness is proportional to that of the tropopause. The frequency of 10-point cloud decreases on the transition from an inversion tropopause to one with a retarded temperature drop, but the frequency of appearance of 1-7 point cloud increases in this case. The frequency of the appearance of any gradations in the amount of cloud when the tropopause has this latter form is almost identical, while the inversion and isothermal tropopauses it grows as the amount of cloud increases. As a result of analyzing the observational data it was established that the maximum wind level is usually disposed either in the upper part of the cloud layer or a little higher. In most cases north-westerly, westerly, and south-westerly maximum wind directions were observed in all seasons of the year when cirri were present. The greatest cloud thickness

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S/169/62/000/010/036/071
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is observed when the winds have prevalent directions both for the year on an average and seasonally, there being more vertically thick clouds if the winds are from the western part of the horizon. The maximum wind speed at the time of cirrus is much higher in autumn and winter than in spring and summer. The greatest vertical upper layer cloud spread is observed in winter and spring months, when the maximum wind speeds are from 60-100 km/hr, and in summer and autumn periods if the speeds are more than 140 km/hr. Positive wind speed gradients of 0-10 km/hr/km prevail when cirri are present in all seasons of the year; their frequency, however, is higher in spring and summer than in autumn and winter. At maximum wind speeds of more than 100 km/hr the upper boundary of cirri is often disposed above the minimum temperature level.

Abstracter's note: Complete translation

Card 3/3

S/169/61/000/011/054/065
D228/D304

AUTHOR: Zavarina, M.V., and Kurbatova, A.V.

TITLE: Aeroclimatic characteristics of the upper cloud boundary

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1961, 47,
abstract 11B321 (Tr. N.-i. in-ta aeroklimatol.,
no. 14, 1961, 59 - 68)

TEXT: The data of aircraft soundings for two years, carried out at Leningrad, Moscow and Odessa, form the basis of the work. Sc clouds were observed most of all. The frequency of Ac and Sc clouds was incompletely defined, since the aircraft did not always reach their upper boundary. Comparison of the data for Leningrad and Odessa shows that no substantial difference is observed on the whole between the north-west and the south of the USSR's European territory; however, at Odessa Sc, As, and Ns clouds are situated somewhat higher than over Leningrad. At Leningrad the altitude of the upper boundary of Sc, As, and Ns clouds in spring and summer, and of Ac

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Aeroclimatic characteristics of ...

clouds in summer and autumn, is higher than at Odessa. In winter, apart from St, the altitude of all forms of clouds over Odessa is higher than above Leningrad. For an average year the height of the lower cloud boundary at Odessa is greater than at Leningrad; with the exception of St, however, the height of the upper boundary of clouds is almost identical. In the absence of an adequate number of soundings for Cb clouds there are no grounds for judging their thickness. Ns possess the greatest thickness out of the other clouds. Positive temperature gradients of about $0.5 - 0.7^{\circ}$ per 100 m - which gradually decrease as the upper boundary is approached and which are, at times, terminated here by an inversion that is most frequent and considerable over the upper cloud boundary - are observed beneath clouds and within them. Temperature inversions are most customary over St and Sc clouds, but are very rare over Ns and As. The average size of the inversion layer does not exceed 200 m. Cases of positive temperature gradients over clouds usually happen when yet another series of cloud layers is situated above them. The relative humidity u generally grows above the clouds and in them, reaching maximum values that are greatest in summer and least

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Aeroclimatic characteristics of ...

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in winter at the upper cloud boundary. For the cloud forms u reaches the greatest values at the upper boundary of St and Sc (up to 94 - 100 %) and the smallest values at the upper boundary of Cu (74 - 89 %). The growth of u diminishes according to the measure of approach to the upper boundary and sometimes quite ceases, too, and even gives place to its decrease (Ns, As, Cb). The decrease of u is mostly observed above the clouds, or else it remains unchanged.

[Abstractor's note: Complete translation].

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Card 3/3

BELYAYEV, Konstantin Ivanovich; KURBATOV, G., red.; DANILINA, A., tekhn.red.

[How man perceives and transforms the world] Kak chelovek poznaet
i preobrazaet mir. Moskva, Gos.izd-vo polit.lit-ry, 1959. 94 p.
(MIRA 12:8)

(Knowledge, Theory of)

KAYDALOV, Dmitriy Petrovich; KURBATOVA, G., red.; DANILINA, A.,
tekhn.red.

[Communism, labor, and man] Kommunizm, trud i chelovek.
Moskva, Gos.izd-vo polit.lit-ry, 1960. 109 p. (MIRA 13:6)
(Labor and laboring classes)

BABIYAK, Nikolay Batveyevich, prepodavatel'; FUCHCHIKH, Valentina Iosifovna, kand. nauk dokt.; KURBAIGA, I., red.

[The competition between the two worlds] Sorevнование dvukh mirov, Moskva, Politizdat, 1964. 64 p.
(JTR-1718)

1. Omskiy pedagogicheskiy institut (for Kurnelova).
2. Omskiy institut inzhenerov zheleznychopromstvennogo transporta (for Isiblyak).

RUBINSKIY, Yuriy Il'ich; KURBATOVA, G., red.; TROYANOVSKAYA, N., tekhn.
red.

[Struggle of the working class of France] Rabochaya Frantsiya v bor'-
be. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p. (MIRA 14:8)

(France--Labor and laboring classes)
(France--Politics and government)

for K Duff/Larri, 8-14

110-12-2/19

AUTHOR: Il'kevich, Yu.A. and Kurbatova, G.Ye., Engineers.

TITLE: The Dielectric Properties of MBK Compounds (Methacrylates).
(Dielektricheskiye svoystva kompaundov MBK)

PERIODICAL: Vestnik Elektro promyshlennosti, 1957, Vol.28, No.12,
pp. 5 - 7 (USSR)

ABSTRACT: Older types of insulating compounds do not meet modern requirements. New impregnating and moulding compounds for hermetic sealing of high-voltage windings and other products were developed in the Scientific Research Institute of the Electro-technical Industry (NII EP) under the leadership of A.K. Vardenburg. The electrical properties of these compounds and of materials based on them were studied. The results, tabulated in the article, show good electrical characteristics that do not change much after prolonged exposure to tropical humidity conditions, 500 hours ageing at a temperature of 150 °C and similar tests.

There are 4 tables.

ASSOCIATION: NII MAP

SUBMITTED: April 1, 1957

AVAILABLE: Library of Congress.
Card 1/1

- KURBATOVA*
- I.I.
- 10(1); 21(5); 24(8) PHASE I BOOK EXPLOITATION 307/2457
- Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya po priimeneniyu radioaktivnykh i stabilnykh izotopov i izucheniyu v narodnom chuzhazayev i rukovodstvye i nauke. 2d. Moscow, 1957.
- Teplotekhnika i hidrodinamika; trudy konferentsii, tom 4 (Rezul'taty konferentsii, studii konferentsii, transaktsii All-Union Engineering and Hydrodynamics; Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science, Vol. 4). Moscow, Gosenergoizdat, 1958. 88 p. Errata slip inserted. 2,500 copies printed.
- Sponsoring Agencies: Akademiya nauk SSSR, and USSR. Glavnaya upravlyayushchaya po ispol'zovaniyu atomnoy energii.
- Eds.: M. A. Syrnikovich (Izdep. Ed.), G. Ye. Kholoedovskiy, and N. N. S. Ponomarov; Ed. of Publ. House: L. M. Sinevnikova; Tech. Ed.: N. I. Borunov.
- PURPOSE: This collection of articles is intended for scientists and laboratory workers concerned with the use of radioactive and stable isotopes.
- Coverage: This collection of papers deals with the application of radioactive and stable isotopes as measuring tools in various types of scientific investigation. No personal names are mentioned. References are given after some of the articles.
1. Barytovskiy, O.G., Ya.G. Vanober, V.A. Kozokal'sev, and V.I. Semenov. Use of Gamma Rays for Studying the Process of Diffusion. 9.
 2. Butikatsev, Z.J., and V.M. Makarichev. Use of Gamma-ray Scopy for Studying the Hydrodynamics of a Multi-fluid System. 12
 3. Polozhkin, P.G., and N.A. Shaposhnik. Method of "Treated" Atoms for Investigating Water and Steam Content in Surface Boiling of a Fluid. 16
 4. Kuchavitskaya, V.S. Determining the Specific Surface Area of Charcoal and Activated Powders by the Sorption Method With the Use of "Treated" Atoms. 20
 5. Monerov, V.M., and I.I. Furbutyan. Use of Radioactive Isotopes for Studying Salts Containing Concrete. 23
 6. Tsvetovich, M.A., V.I. Perminskiy, and E.A. Juzina. Methods for Determining Carbon and Moisture Content of Soils With the Aid of Radioactive Isotopes. 33
 7. Polozhkin, P.G., and N.I. Reznik. Study of the Processes of Moisture Transfer in Building Materials By Means of Gamma-ray Scopy. 38
 8. Syrnikovich, M.A., L.Rh. Maybulla, and L. R. Emel'yanov. Use of Radioactive Isotopes For Investigating the Solubility of Salts in Water Vapor at High Pressures. 41
 9. Stepanov, L.S., A.Ya. Antosov, and A.V. Samoyev. Investigation of the Characteristics of Vapor at a Pressure of 185 atm. With the Aid of Radioactive Isotopes. 46
 10. Dzhaparidze, V.A. Use of Radioactive Isotopes for Observing the Action of the Alkaline Glass Mass in Glass Pasteurizers. 52
 11. Bartschikov, V.P. Use of Radioactive Isotopes in Studying the Filtration of Fluids Through Porous Media. 57
 12. Tsvetovich, M.A., and A.Ya. Perzin. Radioisotope Methods for Investigating Flow Processes of Fluids in a Porous Medium. 62
 13. Gorina, M.A., I.S. Tarabin, V.B. Katinckiy, and L.I. Korshak. Investigation of the Hydrodynamics of a Fluid in the Centrifugal Rotor of a Settling Centrifuge With the Aid of Radioactive Isotopes. 67
 14. Volovirich, M.P., M.V. Churayev, and P.Ye. Mil'kov. Investigations of the Motion of Water in a Test Under Laboratory and Field Conditions With the Use of Radioactive Isotopes. 72
 15. Arhangelskiy, M.N. Use of Radioactive Isotopes for Investigating Suspensions of River Salt. 78
 16. Tsvetovich, M.A., and A.S. Shubin. Use of Radioactive Isotopes for Investigating the Mechanism of the Drying Process. 85; 17

KURBATOVA, I.I., kand. khim. nauk; LATINOVA, Z.M., kand. tekhn. nauk; KOSTYUKOVA, Ye.S., inzh.; FANNIBO, A.K., inzh.

[Handbook on the use of new and accelerated methods of analysing sand-lime building materials and reinforcement steels] Rukovodstvo po primeneniju novykh i uskorennykh metodov analiza silikatnykh stroitel'nykh materialov i armaturnykh stalei. Moskva, Stroizdat, 1964. 74 p.
(MIRA 17:11)

1. Moscow. Nauchno-issledovatel'skiy institut betona i zhelezobetona. 2. Laboratoriya ispytaniya betonov Nauchno-issledovatel'skogo instituta betona i zhelezobetona.

MOSKVIN, V.M. doktor tekhn. nauk prof.; KURBATOV, I.I., kand. khim. nauk

Obtaining radioactive compounds of hydrated calcium sulfoaluminates.
Trudy NIIZHB no.9:83-87 '59 (MIRA 13:3)
(Calcium compounds) (Aluminum compounds)

MOSKVIN, V.M., doktor tekhn. nauk. prof.; KURBATOVA, I.I., kand. khim. nauk

Using the S₃₅ radioisotope in studying the effect of sulfate corrosion
in sodium sulfate solutions. Trudy NIIZHB no.9:88-95 '59 (MIRA 13:3)
(Radioisotopes--Industrial application)
(Concrete--Corrosion)

SHISHKINA, Zinaida Alekseyevna; KURBATCOVA, Irina Nikolayevna; SLITSKAYA,
I.M., inzh., red.; VREGER, D.P., tekhn.red.

[Use of liquid glass in place of ethyl silicate in investment
casting] Primenenie zhidkogo stekla vsamen etilsilikata v
proizvodstve lit'ia po vyplavliaemym modeliam. Leningrad,
Leningr. dom nauchno-tekhn.propagandy, 1958. 10 p. (Informatsionno-
tekhnicheskii listok, no.47. Liteinoe proizvodstvo) (MIRA 12:4)
(Precision casting)

SINITSYN, K., kand.tekhn.nauk; KURBATOVA, K., inzh.; UNANOV, G., zootehnik

Effect of the fattening method on mechanical removal of skins from
swine. Mias. ind. SSSR 29 no.2:11-14 '58. (MIRA 11:5)
(Swine)

KURBATOVA, L.A., akusherka (Isetskiy rayon Tyumenskoy oblasti).

Our experience in raising the qualifications of sub-professional
medical personnel. Fel'd.i akush. no.1:44 Ja '54. (MLRA 7:1)
(Medicine--Study and teaching) (Midwives)

KURBATOVA, L. I.

New form of flow lines. Shvein.prom. no.3:24-25 My-Je '59.
(MIRA 12:9)

1. Glavnnyy inzhener Stalinskoy shveynoy fabriki No.5.
(Clothing industry) (Assembly-line methods)

KURBATOVA, L.I. (Moskva)

Changes in the secretory activity of the stomach in thyrotoxicosis
treated with I¹³¹. Terap.arkh. 33 no.10:45-50 '61.

(MIRA 15:1)

1. Iz 4-y kafedry terapii (zav. - chlen-korrespondent AMN SSSR
prof. P.I. Yegorov) Tsentral'nogo instituta uovershenstvovaniya
vrachey.

(THYROID GLAND--DISEASES) (IODINE-ISOTOPES) (GASTRIC JUICE)

KURBATOV, M. A.

11/52

CA

The role of acetylcholine in pneumoperitoneum in tuberculosis. M. A. Kurbatov (USSR, Tuberc. Inst.)
Problemy Tuberk. 1950, No. 1, 62-3. Application of pneumoperitoneum in satisfactorily proceeding tubercular processes either does not cause liberation of acetylcholine or lowers the existing levels (venous blood test). In refractory processes, the application leads to a rise of acetylcholine. In the latter cases the application generally is ineffective. G. M. Kosolapoff

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CIA-RDP86-00513R000927620017-7

Maritskaya, N. F. and Akhiezova, N. N. "Osnovaniya dlya vliyaniya na
vesopom. s'vezda det. vrachey, posvyashch. nauchn. prof. V. G. Kiseleva, doktoru,
1944." . 232-35

30: K-3264, 10 April 1952, (Lekopis i Zhurnal bykh Statist., T. 3, 1949)

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CIA-RDP86-00513R000927620017-7"

KURBATOVA, M.D., kandidat meditsinskikh nauk

Method of cholecystography in children. Pediatriia 39 no.6:24-27
M-D '56. (MLRA 10:2)

1. Iz detskoj kliniki I Moskovskogo ordena Lenina meditsinskogo
instituta (dir. - deyatel'nyy chlen AMN SSSR prof. Yu.P.
Dombrovskaya)
(CHOLECYSTOGRAPHY, in infant and child.
(Rus))

DANILINA, Z.A.; KURBATOVA, M.D.; DOMBROVSKAYA, Yu.S.

Radiographic changes in the small intestine in Schonlein-Henoch disease. Pediatrka no.5:54-58 May '57. (MIRA 10:10)

1. Iz detskoj kliniki I Moskovskogo orjena Lenina meditsinskogo instituta imeni i.m.sechenova (dir. - deyatel'nyy chlen AMN SSSR prof. Yu.F.Dombrovskaya)
(PURPURA (PATHOLOGY)) (INTERFICES--RADIOGRAPHY)

KURBATOVA, M.D.

Determination of the size of the liver in children by roentgenoscopy. Pediatrilia 38 no.1:77-82 '60. (MIRA 13:10)
(LIVER-RADIOGRAPHY)

KURBATOVA, M.D., dotsent.

Clinical aspects of peptic ulcer of the duodenum and stomach
in children. Pediatrīa no.8:26-31 '62. (MIRA 15:10)

1. Iz detskoy kliniki (dir. - deystvitel'nyy chlen AMN SSSR prof.
Yu.F.Dombrovskaya) I Moskovskogo gospodina Lenina meditsinskogo
instituta imeni I.M.Sechenova.
(PEPTIC ULCER)

KURBATOVA, M.D., kand.med.nauk; KRECHNER, B.B., kand.med.nauk

Radiographic determination of the size of the liver in children.
Pediatria 38 no.4:77-82 Apr '60. (MIRA 16:7)

1. Iz kafedry detskikh bolezney (zav.-deystvitel'nyy chlen AMN
SSSR prof. Yu.F.Dombrovskaya) I Moskovskogo ordena Lenina me-
ditsinskogo instituta imeni I.M.Sechenova.
(LIVER--RADIOGRAPHY)

VOLOSHIN, A.I.; VIROZUB, I.V.; KAZMINA, V.V.; KURBATOVA, M.Yu.

Determination of the heat of carbonization under laboratory
conditions. Koks i khim. no.3:19-23 '62. (MIRA 15:3)

1. Ukrainskiy uglekhimicheskiy institut.
(Coal—Carbonization)

KURBATova, N.I.

Dynamics of the moisture potentials of peat soils. Dokl. AN BSSR 8
no.9:579-583 S '54. (MIRA 17:12)

1. Institut voinykh problem Gosplanu Beloruskoy SSR.

SW/58-39-7-15191

Translation From: Referativnyy Zhurnal Fizika, 1959, Nr 7, p 86 (USSR)

AUTHORS: Eterman, A.I., Kurbatova, N.M.

TITLE: Study of the Physico-Chemical Properties of New Organic Heat-Transfer Agents ✓

PERIODICAL: Sb. nauchn. rabot. Tsentr. Konstrukt. byuro torg. mashinostr. Upr. torg. oborud. M-va torg. USSR, 1958, Nr 2, pp 104 - 115

ABSTRACT: The article has not been reviewed.

Card 1/1

5(4)

AUTHORS: Eterman, A. I. and Kurbatova, N. M. S07/76-32-12-23/32

TITLE: The Physico-Chemical Properties of Some Hydrocarbons of the Diphenyl Methane Series (Fiziko-khimicheskiye svoystva nekotorykh uglevodorodov difenilm-tanovogo ryada)

PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol 32, Nr 12, pp 2803-2809 (USSR)

ABSTRACT: Among the liquid diaryl methanes suggested by I. G. Matveyev, N. I. Gel'perin, D. A. Drapkina and others (Ref 1) as heat transferring agents of high temperature stability there are ditolyl methane and dicumyl methane. Investigations were made of their surface stresses, viscosities and densities as well as of the dependence of these values of temperatures between 20° and 250° C. Furthermore, the relation between surface stress and molecular volume was established. The results were interpreted according to the theory of absolute reaction velocities. The activating energy values and the variations of the activating entropy of the dynamic viscosity were calculated. The results were: 1. surface stress and density show a linear decrease with rising temperatures, 2. between 20° and 100° C, viscosity sinks

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The Physico-Chemical Properties of Some Hydrocarbons
of the Diphenyl Methane Series SOV/76-32-12-23/32

rapidly, then the curve flattens out, i.e. there is a relation between density and surface tension of non-associated liquids according to A. I. Bachinskiy's formula (ref 10):

$$\frac{1}{D} = \frac{M(\gamma)^2}{P} = \text{const.}$$

M - surface stress, D - density, γ - molecular weight,
P - a quantity independent of temperature, the parachor introduced by Segden. Professor I. R. Krichevskiy helped with suggestions. There are 4 figures, 6 tables, and 10 references, 9 of which are Soviet.

SUBMITTED: June 12, 1957

Card 2/2

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7

ETERMAN, A. I.; KURBATOV, N.M.

Magnetic treatment of water. Shvein.prom. no.3:20-22 My-Je '59.
(Feed-water purification) (MIRA 12:9)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7"

CHILIKIN, M.G.; LARIONOV, A.N.; PETROV, G.N.; MEZHKOY, V.V.; GOLOVAN, A.T.;
LYSOV, N.Ye.; PANTYUSHIN, V.S.; KURBATOVA, N.S.; SMIRNOV, V.A.

Professor E.V. Nitusov. Elektrichestvo no.6:85 Je '55.(MIRA 8:6)
(Nitusov, Evgenii Vasil'evich, 1895-)

ALEKSANDROV, N.V.; BOGORODITSKIY, N.P.; VALETIEV, Kh.S.; VUL, B.M.; DROZDOW, N.G.;
~~KIRPICHOKA, N.S.~~; MIKHAYLOV, G.P.; MIKHAYLOV, M.M.; PETROV, G.N.; PRIVE-
ZENTSEV, V.A.; RENKE, V.T.; SKANAVI, G.I.

Professor B.M.Tareev. Elektrichestvo no.8:94 Ag '56. (MLRA 9:10)
(Tareev, Boris Mikhailovich)

KULEBAKIN, V.S.; LARIONOV, A.N.; CHILIKIN, M.G.; GOLOVAN, A.T.;
MOROZOV, D.P.; KURBATOV, N.S.; KORITSKIY, A.V.; VESHENEVSKIY,
S.N.; TISHCHENKO, N.A.; TUHIN, V.S.

Doctor of Technical Sciences I.I. Petrov. Elektrichesstvo no.12:
83 D '57. (MIRA 10:12)
(Petrov, Ivan Ivanovich, 1907-)

KURBATOVA, N. S.

"System of training scientific and engineering cadres in off-work hours"

report to be submitted for the United Nations Conference on the
Application of Science and Technology for the Benefit of the Least
Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

GOROKHOV, P.K., kand.tekn. nauk; GOR'KOVA, V.I., kand. tekhn. nauk;
PAVLOV, L.I., kand. tekhn. nauk; SERGEEV, N.P.; TAREYEV,
B.M., doktor tekhn. nauk, prof.; CHNOTKIN, I.S.; KURBATOVA, N.S.
kand. tekhn. nauk, prof.; red.; CHESKIS, Z.B., red.

[French-Russian electrical engineering dictionary] Frantsuzsko-
russkii elektrotekhnicheskii slovare'. Pod red. N.S.Kurbatovoi
i B.M.Tareeva. Moskva, Sveteskaya entsiklopediya, 1965, 720 p.
(MIRA 18:12)

YAKUBOVICH, S.V.; ZUBCHUK, V.A.; KURBATOV, O.G.; Prinimali uchastiye:
PERESVETOVA, M.P.; MOSINA, L.V.

Dependence of the properties of coatings based on pentaphthalic
binders on the volume concentration of pigments. Lakokras.-
mat. 1 ikh prim. no. 1:12-16 '62. (MIRA 15:4)
(Films (Chemistry)) (Pigments)

KURBATOVA, R. A.

KURBATOVA, R. A.: "The effect of operational interference on the uterus and adnexa uteri on the subsequent course of pregnancy and childbirth". Leningrad, 1955. Acad Med Sci USSR. Joint Council of the Group of Leningrad Insts. (Dissertations for the degree of Candidate of Medical Science.)

SO: Knizhnaya Letopis' №. 50 10 December 1955. Moscow.

KURBATOVA, R.A.; BELYAYEVA, V.A.

Procreative function of women after conservative myomectomy.
Kaz. med. zhur. no.2:60-61 Mr-Ap'63 (MIRA 16:11)

1. Otdeleniye operativnoy ginekologii (zav. - prof. M.V.
Dubnov) Instituta akusherstva i ginekologii AMN SSSR.

*

KURBATOVA, R.A., kand.med.nauk

Role of surgical interventions on the ovaries in the development of the climacteric symptom complex. Akush.i gin. no.1:
17-21 '62. (MIRA 15:11)

1. Iz otdeleniya operativnoy ginekologii (zav. - doktor med.nauk
Ye.P. Mayzel') Instituta akusherstva i ginokologii (dir. - chlen-
korrespondent AMN SSSR prof. P.A. Beloshapko [deceased]) AMN SSSR.
(OVARIES—SURGERY) (CLIMACTERIC)

VECHER, A.S.; GURINOVICH, Ye.S.; KURBATOVA, S.I.; KABAYLOVA, I.V.

Accumulation of biomass in fodder yeast during its growth
in a potato juice. Biul. Inst. biol. AN BSSR no.6:179-183
'61. (MIRA 15:3)
(YEAST)

VICHSE, A.S., FUPPATOVÁ, S.I.

Relation between the optic suspension density of yeast cells
and their concentrations. Prikl. biokhim. i mikrobiol. 1
no.2:244-246 Mr-Ap '65. (MIFI 12.11)

i. Institut eksperimental'noy botaniki i mikrobiologii AN
RSFR.

KURBATOVA, T. G.

Kurbatova, T. G. "Alimentary toxic aleukia," (Survey of the literature), Trudy Kirovskogo in-ta epidemiologii i mikrobiologii, Collection 2, 1948, p. 71-76, - Bibliog: 7 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statей, No. 17, 1949).

KURBATOVA, T. G.

Kurbatova, T. G. "An outbreak of toxic infection caused by the Breslau bacillus," Trudy in-ta epidemiologii i mikrobiologii, Collection 2, 1948, p. 117-21.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Stat'ey, No. 17, 1949).

STEPIN, Vasilii Vasil'yevich; SILAYEVA, Yelizaveta Vasil'yevna;
PLISS, Anastasiya Mikhaylovna; KURBATOV, Vera Ivanovna;
KRYUCHKOVA, Lidiya Merkur'yevna; PONOSOV, Vladimir Il'ich;
DYMOV, A.M., doktor khim. nauk, prof., red.; FEDOROV, A.A.,
st. nauchn. sotr., red.; TKACHENKO, N.S., inzh., red.;
DOBRZHANSKIY, A.V., st. inzh., red.; LEVIT, Ye.I., red. izd-va;
ISLENT'YEVA, P.G., tekhn. red.

[Analysis of ferrous metals, alloys and manganese ores] Analiz chernykh metallov, splavov i margantsevykh rud. [By] V.V. Stepin i dr. Moskva, Metallurgizdat, 1964. 498 p.

(MIRA 17:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Dymov, Fedorov, Tkachenko, Dobrzhanskiy).

KURBATOVA, V.I.

Dissertation: "Potentiometric Determination of small quantities of Aluminum in Pure Metals and Alloys." Cand Chem Sci, Ural State U, Sverdlovsk, 1954. (Referativnyy Zhurnal, Khimiya, Moscow, No. 16, Aug 54)

SO: SUM 393, 23 Feb 1955

5 (2)

AUTHORS: Petukhova, N. I., Kurbatova, V. I., Sov/32-25-7-13/50
Stepin, V. V., Ponosov, V. I.

TITLE: News in Brief (Korotkiye soobshcheniya)

PERIODICAL: Zavodskaya laboratoriya, 1959, Vol 25, Nr 7, p 806 (USSR)

ABSTRACT: N. I. Petukhova, V. I. Kurbatova, V. V. Stepin and V. I. Ponosov describe a method for the colorimetric determination of tantalum in crystalline silicium, in the absence of titanium, iron molybdenum and tungsten. Ta is separated from Ti, Fe and Mo by precipitation of the latter with phenylarsonic acid. The separation of Ta from W takes place by means of a precipitation of copperon. The final determination of Ta is carried out colorimetrically according to the pyrogallol reaction. V. I. Kurbatova (Ural'skiy institut chernykh metallov - Ural Institute for Iron Metals) suggests a method for the determination of aluminum in manganese ores. The method is based upon an electrometric and compensation-free titration of Al with a solution of sodium fluoride (or ammonium fluoride) in a mixture of acetate buffer. Within the sphere of pH 3-5 well reducible results were achieved. V. V. Stepin and V. I. Ponosov (Ural'skiy institut chernykh metallov - Ural Institute for Iron

Card 1/2

News in Brief

SOV/32-25-7-13/50

Metals) describe a method for separating small amounts of lead from molybdenum by means of a weakly alkaline anion exchanger TM. Lead is adsorbed from a 1.5 .. 2.5 n salt solution, while molybdenum remains in the solution. The method can be applied to the analysis of ferromolybdenum. Lead is determined according to the dithizon method. The granulation of the anion exchanger is found to be 0.39 + 0.15 mm, the rate of flow of the solution 1.0 .. 1.2 ml/min. There are 2 Soviet references.

ASSOCIATION: Ural'skiy institut chernykh metallov (Ural Institute for Ferrous Metals)

Card 2/2

SILAYEVA, Ye.V.; KURBATOVA, V.I.

Determination of tin in ferromolybdenum. Zav. lab. 27 no. 12:1462-
1464 '61. (MIRA 15:1)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov.
(Tin—Analysis) (Molybdenum-iron alloys)

SILAYEVA, Yo.V.; KURBATOV, V.I.

Determination of antimony in ferromolybdenum. Zav.lab. 23
no.3:230-231 '62. (MIRA 15:4)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov.
(Antimony--Analysis) (Molybdenum alloys)

STEPIN, Vasilii Vasil'yevich; SILAYEVA, Yelizaveta Vasil'yevna;
KUKBATOVA, Vera Ivanovna; KHANOVA, Tamara Filaretovna;
BARBASH, Tat'yana L'vovna; PONOSOV, Vladimir Il'ich

[Analysis of nonferrous metals and alloys] Analiz tsvetnykh
metallov i splavov. Moskva, Metallurgiia, 1965. 187 p.
(MIRA 18:9)

L M P R-6 ANP(m)/SMP(t)/ETI IJP(c) JD/HN/JG
ACC NR: AR600045 SOURCE CODE: UR/0137/65/000/000/K015/K015

AUTHOR: Kurbatova, V. I.

17

TITLE: New spectrophotometric method for determination of niobium in high
temperature alloys using N, N'-di-(2-hydroxy-5-sulfophenyl)-C-cyanoformazan

18

19

SOURCE: Ref. zh. Metallurgiya, Abs. 9K83

REF SOURCE: Tr. vses. N.-i. in-ta standartn. obraztsov i spektr. etalonov, v. 1,
1964, 5-11

TOPIC TAGS: metal chemical analysis, niobium, spectrophotometric analysis, photocalorimeter, high temperature
alloy, nickel alloy, colorimetric analysis, spectrophotometer / FYek-N-57
photocalorimeter, SF-4 spectrophotometer

ABSTRACT: The specimen (0.3--1.0 g) is dissolved in 25 ml of aqua regia, 50 ml of
 HClO_4 is added, and the solution is evaporated to dryness. The salts are dissolved in
15 ml HCl and 125 ml of hot water, the solution is heated to boiling, the precipitate
is filtered through paper pulp placed over a double layer of thick filter paper,
washed with HCl (1:25), ashed in a Pt crucible, fused with $\text{K}_2\text{S}_2\text{O}_7$ and extracted with

15--20 ml of tartaric acid solution (200 g/liter). The solution is diluted to 100 ml
with water. To an aliquot of 1--2 ml, placed in a 25-ml flask, are added 10 ml of 1 M
HCl, 1 ml of 0.02 N Trilon B, 2 ml of aqueous formazan (3 g/liter), enough of 1 M HCl

Card 1/2

UDC: 669.293:543.420.62

I 46295-56

ACC NR: AR6000453

5

to make up the volume. The mixture is heated for 30 min at 60°C, cooled, and its absorption is measured on photocalorimeter FYeK-N-57 with light filter No. 8 in a 20--30 mm cuvette or on spectrophotometer SF-4⁷ at 675 m μ against a blank. In the absence of W, Nb is separated with tannin in 5% (by volume) HCl. After precipitation of Nb the acidity of the solution is raised to 2% to dissolve the co-precipitated Ti. When precipitating microamounts of Nb, methyl violet is used in conjunction with tannin as precipitating agent. 0.3--1.0 g of the specimen is dissolved in aqua regia and evaporated until the moist salts separate, which are then dissolved in 30 ml HCl (1:2). The solution is boiled for 1--2 min, diluted with water to 180--190 ml, treated with 0.2 g of ascorbic acid and 2 g of NH₄Cl, and heated to boiling. An aqueous solution of methyl violet (30 ml, 10 g/liter) and 20 ml of a freshly prepared aqueous solution of tannin (10 g/liter) are added, the mixture is boiled for 3--4 hours, treated with paper pulp and 50 ml of HCl (1:1) to dissolve the Ti which possibly co-precipitated with tannin. The solution is allowed to stand for 12 hours. The precipitate is filtered through a low porosity filter, washed with HCl (4:100), ashed in a Pt crucible, and fused with K₂S₂O₇. Nb is then determined as described above. It was shown that by determining Nb in high temperature Ni²⁺ alloys using formazan the mean square deviation is 0.002. A. Astanina [Translation of abstract]⁷

SUB CODE:II,07

Card 2/2 JS

YAPASKURT, V.V.; YEPISHIN, A.S.; SHAKIN, A.N.; SILIN, P.M.; ZHIDKOV, A.A.;
KHELEMSKIY, M.Z.; SHEMYAKIN, P.N.; NOVIKOV, V.A.; POPOV, V.D.; BEHIN,
G.S.; NAYDENOV, A.K.; KURBATOVA, V.S.; KARTASHOV, A.K.; YARMOLINSKIY,
A.K.; ZIBOROV, D.K.; VAYSHAN, M.L.; ZAMEROVSKIY, V.A.; SVIATENKO, M.M.

IULII Markovich Zhvirblianskiii; obituary. Sakh.prom.29 no.6:48 '55.
(Zhvirblianskiii, IULII Markovich, 1894-1955) (MIRA 9:1)

KURBATOVA, V.S.

BENIN, G.S.; KURBATOVA, V.S.; IVANOVA, L.K.

Method of triple polarization with two enzymes for determining
saccharose in beets. Sakh.prom. 30 no.9:63-66 S '56.

(MLRA 10:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharinoj
promyshlennosti.

(Sugar) (Sugar beets) (Enzymes)

KURBATOVA, V.S.

Investigating microflora in the rotary diffusion apparatus.
Sakh.prom. 33 no.7;16-21 J1 '59. (MIRA 12:11)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy
promyshlennosti.
(Mironovka--Sugar industry--Equipment and supplies)

KURBATova, Yelena

Sailboats. Sov.mor. 16 no.19:20-21 O '56.

(MLRA 10:2)

(Yachts and yachting)

BYSTRITSKIY, I.A., dotsent; IVANOVA, A.M., vrach; KURBATOVA, Ye.A., vrach

Case of viability of a child born weighing less than one kilogram.
Sbor. trud. Kursk. gos. med.-inst. no.13:445-446 '58.

(MIRA 14:5)

1. Iz kliniki detskih bolezney (zav. - dotsent I.A. Bystritskiy)
Kurskogo gosudarstvennogo meditsinskogo instituta.
(INFANTS (PREMATURE))

KURBATOVA, Ye., inzhener.

Removal of swine hides after scalding. Mias. ind. SSSR 26 no.6:
9-10 '55. (Hides and skins) (MLRA 9:2)

SINITSYN, K., kand. tekhn. nauk.; KURBATOV, Ye., inzh.

Factors affecting quality in the removing of skins from swine.
Miss. ind. SSR 29 no. 4:14-16 '58. (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy
promyshlennosti.

(Hides and skins)
(Slaughtering and slaughterhouses)

SINITSYN, K.D., kand.tekhn.nauk; KURBATOVA, Ye.A., starshiy nauchnyy
sotrudnik; UNAMOV, G.S., starshiy nauchnyy sotrudnik

Improving the technology of the removal of hides from hog
carcasses. Trakt.i sei'khozmash. 30 no.10:5-12 O '60.

(MIRA 13:8)

(Swine houses and equipment)
(Hides and skins)

VOYNOVA, P., inzh.; KURBATOVA, Ye., inzh.; SOLNTSEVA, G., inzh.

Efficient methods of processing meat by-products. Mias.ind.
SSSR 31 no.2:22-24 '60.
(MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy
promyshlennosti.
(Packing-house products)

KURBATOVA, Ye.; BELYAYEV, S.; GENERALOV, N.

Universal mechanized line for processing swine and removing the
butt of the hide. Mias. Ind. SSSR 31 no.4:7-10 '60.
(MIRA 14:7)
(Pork industry)

MALYUTIN, P.; KURBATOVA, Ye.

Mechanized production line for processing swine and sheep intestines. Mias. ind. SSSR 32 no.3:16-17 '61. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Intestines) (Meat industry—Equipment and supplies)

KURBATOVA, Ye.; ALEKSANDROVA, T.

Technological innovations and complex mechanization of the initial processing of cattle; zonal conferences on timely subjects.
Mias. ind. SSSR 32 no.3:32-35 '61. (MIRA 14:7)
(Meat industry—Equipment and supplies)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7

DERGUNOVA, A.A.; UNANOV, G.S.; KURBATOVA, Ye.A.; KARAVAYEVA, S.G.

Standards for pork. Standartizatsiya 26 no.2:43-44 F '62.
(MIRA 15:2)
(Pork--Standards)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7"

UMANOV, G.; KURBATOVA, Ye.; KARAVAYEVA, S.; DERGUNOVA, A.

New standards for hogs and pork meat. Mias.ind. SSSR 33 no.3:18-20
'62. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy
promyshlennosti.
(Pork industry--Standard)

KURBATOVA, Ye. I.

KURBATOVA, Ye. I.: "The problem of the effectiveness of vaccination against rabies as a function of the properties of the virus and the place of administration of the virus". Molotov, 1955.
Molotov State Medical Inst. (Dissertations for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

KURBATOVA, Ye.M.

Dispensary services for the population. Sovet. zdravookhr. 11 no.1:
31-34 Jan-Feb 52
(CLML 21:4)

1. Head of Kemerovo Municipal Public Health Department.

KURBATOVA, Ye.P., assistant; SHTEYNGARDT, V.Yu., inzh.

Device for measuring soil temperature. Avtom., telem. i sviaz' 7
no.8:37-38 Ag '63. (MIRA 16:9)

1. Rostovskiy institut inzhenerov zheleznodorozhnogo transporta
(for Kurbatova). 2. Laboratoriya signalizatsii i svyazi Severo-
Kavkazskoy dorogi (for Shteyngardt).

(Electric lines--Underground)

*Биология и...
FORTUNATOV, M.A.; KURBATova, Ye.S.; RAYSKAYA, A.A.*

Dynamics of commercial fish stocks of the Aral Sea. Mat. k pozn.
fauny i flory SSSR. Otd. zool. no.19:112-170 '50. (MIRA 11:3)
(Aral Sea--Fisheries)

KURBATOVA, Yu.A., sasluzhennyj vrach Uzbekskoy SSSR; AKHAROV, M.A., glavnnyj vrach.

Complications in malignant cystomas of the ovaries. Akush. i gin. no.3:
77-79 My-Je '53.
(MLRA 6:7)

1. Onkologicheskiy kabinet pri poliklinike No.3, Tashkent.
(Ovaries--Tumors)

KUIGATUVA-BELIKOVA, N.M.

Microorganisms

Regularity of distribution of microorganisms in lowland peat-beds. Stor. nauch. trud. Inst. torfa AN BSSR no. 1, 1951

Monthly LIST OF Russian Accessions, Library of Congress, August, 1952. Unclass.

KURBATOVA-BELIKOVA, N.M.

Microbiological method for determining the spontaneous heating
tendency of peat. Trudy Inst.torf. AN BSSR no.2:33-39 '53.
(Peat)
(MLRA 8:11)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7

KURBATOVA-BELIKOVA,N.M.; SHINKAREVA,T.A.

Change in the microflora of milled peat in connection with spontaneous heating. Trudy Inst.torf. AN BSSR no.2:40-58 '53. (MLRA 8:11)
(Peat) (Soil microorganisms)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7"

KURBATOVA-BELIKOVA, N.M., kandidat biologicheskikh nauk.

Effect of moisture in cut peat upon the growth of microorganisms in it. Torf.
prom. 30 no.10:23-24 O '53. (MLRA 6:10)

1. Institut torfa Akademii nauk SSSR.

(Peat)

KURBATOVA-BELIKOVA, N.M., kandidat biologicheskikh nauk.

Findings on the microbiological activity in natural peat deposits.
Trudy Inst.torf. AN BSSR 3:133-145 '54. (MLRA 9:3)
(Peat bogs) (Soil micro-organisms)

"APPROVED FOR RELEASE: 08/23/2000

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CIA-RDP86-00513R000927620017-7

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927620017-7"

KURBATOVA-BELIKOVA, N.M.

Microbiological investigation of spontaneous heating of milled peat.
Trudy Inst. torf. AN BSSR 6:201-208 '57. (MIRA 11:7)
(Peat) (Bacteria)

BATURO, V.A. [Batura, V.A.]; SHINKAREVA , T.A. [Shynkarova, T.A.];
KURBATOVA-BELIKOVA, N.M. [Kurbatava-Belikava, N.M.];
RAKOVSKIY, V.Ye. [Rakouski, U.IA.]

Changes in the chemical composition of peat-forming plants
during artificial decomposition. Vestsii AN BSSR. Ser. Fiz.-
tekhn. nav. no. 4:85-92 '60. (MIRA 14:1)
(Peat) (Plants--Chemical analysis)

KURBATOVА-BЕLIKOVА, Н.Н.

Development of micro-organisms in peat as determined by its type
and the extent of its decomposition. Truly Inst. no. 14835. p.
222-230 '60.

(Peat)

(Soil micro-organisms)

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620017-7

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620017-7"

DEMENKOVA, P.Ya.; KURBATSAYA, A.P.

Relation between vanadium and nickel on the one hand and of
petroleums on the other in carboniferous sediments of the Volga
and Ural regions. Avtoref. nauch. trud. VNIGRI no.17:43-44 '56.

(MIRA 11:6)

(Volga Valley--Petroleum geology)

(Ural Mountain region--Petroleum geology)

(Metals)

KURDAISKAYA, A.R.

110) PAGE 1 BOOK EXTRACITATION
Voenogurny Nertyany Nauchno-Issledovatel'skiy Geologo-geofizicheskiy
Institut

Gor'kivcheleskiy sbornik, no. 5 (Collected papers on Geochemistry,
pp. 51) Leningrad, Gor'kivchekhmat, 1938. (Series I, v. 4, July,
50 copies printed).

51.1 Travel Pedagogich Andrejev. Exec. Ed.: L. Ya. Rusakova;
Text. Ed.: I. M. Gennad'yeva.

Annotations: The book is intended for the technical and scientific
personnel of institutes and public (Central Scientific Research
Institutes) of the petroleum industry, and all those interested
in the geology and geochemistry of petroleum.

CONTENTS: The book is the fifth issue of the Geokhikal'shchekhly sbornik
(Collected papers) by VIGCH staff members (All-Union Geological Research
Institute of Geological Survey) on various aspects of geo-
chemistry. The work is divided into two parts, the first of which
consists of 12 articles dealing with the development of theoretical
problems in petroleum chemistry, with the study of organic and mineral origins.
The second part reviews the problems of organic and mineral origins. In Part I,
A. P. Doryanskiy points the low temperature origin of petroleum
and rejects the popular idea concerning high temperature origin.
The joint work of P. Dobrynina, V. N. Lindnerov, and A. I.
Borodavtsev directs attention to the uniform phenomena in the
composition of crudes that result from spontaneous changes in their
substances through geo-organic periods and which occur in full
conformance with the basic laws of nature. The article supplement
is his well-known work "Geochekhly nefti" (Geochemistry of petroleum)
on the correlation of some characteristics of crude oil with its
permeability. Their extensive research combined with existing information
on the origin of crude oil, basic conclusions derived directly
from physical and petrochemical studies produced at VIGCH, and
from the work of V. I. Borodavtsev and K. S. Tsvetkov, make
particular characteristics of the aromatic hydrocarbon structures
which may prove useful for future research and exploration and in
settling many current problems. I. A. Koroleva describes a new
method of analysis for the detection of live bacteria, which
can be applied in various environmental problems. References
accompany each article.

Collected papers (Jurnal nauchno-issledovatel'skogo instituta po
geologii i geofizike)

111) PAGE 1

P. Gromov, A. I. Siberian crude

Semchenko, F. V., I. A. Koroleva, and V. I. Borodavtsev
Data on the distribution of Vanadine, Nickel, Cobalt, Manganese,
Hydrogen in Fractions of Petroleum, Bunker Fuel, and
Crude Oil

Furshnikov, S. M. The
petroleum rocks
Glob-Gataysk, Ya. A. Geochekhly solutions in the synthesis of
Crude Oil

Gorbatov, A. I., I. A. Kiterman, et al. On
the formation of fulgurite in the "Glob-Gataysk"
deposits by atmospheric lightning

Kerimov, V. A. Problems of the formation of Chalopcaite (item 2)

Kazantsev, N. I. Tentative Characteristics of Malpigenous
Terigenous Deposits Established on the Basis of Their
Soluble Salt Content

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